

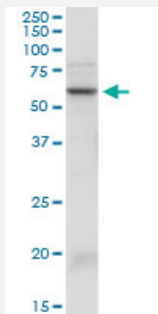
MaxPab®

SERPINA3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000012-D01P

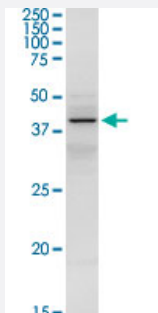
Size 100 ug

Applications



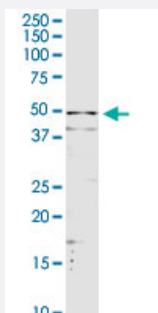
Western Blot (Tissue lysate)

SERPINA3 MaxPab rabbit polyclonal antibody. Western Blot analysis of SERPINA3 expression in mouse brain.



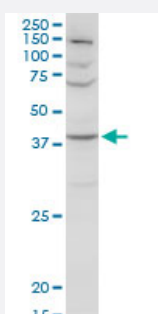
Western Blot (Tissue lysate)

SERPINA3 MaxPab rabbit polyclonal antibody. Western Blot analysis of SERPINA3 expression in mouse testis.



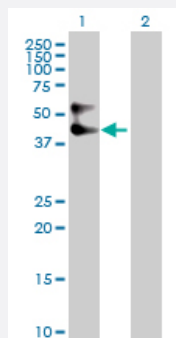
Western Blot (Cell lysate)

SERPINA3 MaxPab rabbit polyclonal antibody. Western Blot analysis of SERPINA3 expression in HepG2.



Western Blot (Cell lysate)

SERPINA3 MaxPab rabbit polyclonal antibody. Western Blot analysis of SERPINA3 expression in HeLa.



Western Blot (Transfected lysate)

Western Blot analysis of SERPINA3 expression in transfected 293T cell line ([H00000012-T01](#)) by SERPINA3 MaxPab polyclonal antibody.

Lane 1: SERPINA3 transfected lysate(47.70 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SERPINA3 protein.
Immunogen	SERPINA3 (NP_001076.2, 1 a.a. ~ 423 a.a) full-length human protein.
Sequence	MERMLPLLALGLLAAGFCPAVLCHPNSPLDEENLTQENQDRGTHVDLGLASANVDFAFSLYKQL VLKAPDKNVIFSPLSISTALAFSLGAHNTTLTEILKGLKFNLTESEAEIHQSFGHLLRTLNLQSSDEL QLSMGNAMFVKEQLSLLDRFTEDAKRLYGSEAFATDFQDSAAAKKLINDYVKNNGTRGKITDLIKDL DSQTMMLLVNYIFFKAKWEMPFDPDQTHQSRFYLSSKKWVMVPMMSLHHLTIPYFRDEELSCTV VELKYTGNASALFILPDQDKMEEVEAMLLPETLKRWRDSLEFREIGELYLPKFSISRDNLDILLQ LGIEEAFTSKADLSGITGARNLAVSQVVHKAVLDVFEEGTEASAATAVKITLLSALVETRTVRFNRP FLMIVPTDTQNIFFMSKVTNPKQA
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (58); Rat (61)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

● Western Blot (Tissue lysate)

SERPINA3 MaxPab rabbit polyclonal antibody. Western Blot analysis of SERPINA3 expression in mouse brain.

[Protocol Download](#)

- Western Blot (Tissue lysate)

SERPINA3 MaxPab rabbit polyclonal antibody. Western Blot analysis of SERPINA3 expression in mouse testis.

[Protocol Download](#)

- Western Blot (Cell lysate)

SERPINA3 MaxPab rabbit polyclonal antibody. Western Blot analysis of SERPINA3 expression in HepG2.

[Protocol Download](#)

- Western Blot (Cell lysate)

SERPINA3 MaxPab rabbit polyclonal antibody. Western Blot analysis of SERPINA3 expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of SERPINA3 expression in transfected 293T cell line ([H00000012-T01](#)) by SERPINA3 MaxPab polyclonal antibody.

Lane 1: SERPINA3 transfected lysate(47.70 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — SERPINA3

Entrez GeneID [12](#)

GeneBank Accession# [NM_001085.4](#)

Protein Accession# [NP_001076.2](#)

Gene Name SERPINA3

Gene Alias AACT, ACT, GIG24, GIG25, MGC88254

Gene Description serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3

Omim ID [107280](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a plasma protease inhibitor and member of the serine protease inhibitor class. Polymorphisms in this protein appear to be tissue specific and influence protease targeting. Variations in this protein's sequence have been implicated in Alzheimer's disease, and deficiency of this protein has been associated with liver disease. Mutations have been identified in patients with Parkinson disease and chronic obstructive pulmonary disease. [provided by RefSeq]

Other Designations

alpha-1-antichymotrypsin|antichymotrypsin|growth-inhibiting protein 24|growth-inhibiting protein 25|serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3|serine (or cysteine) proteinase inhibitor, clade A, memb

Disease

- [Acute Disease](#)
- [alpha 1-Antitrypsin Deficiency](#)
- [Alpha-1-antitrypsin deficiency](#)
- [Alzheimer disease](#)
- [Aneurysm](#)
- [Asthma](#)
- [Brain Ischemia](#)
- [Bronchial Hyperreactivity](#)
- [Cardiovascular Diseases](#)
- [Cerebral Amyloid Angiopathy](#)
- [Cerebral Hemorrhage](#)
- [Cerebrovascular Accident](#)
- [Chronic Disease](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Cystic fibrosis](#)
- [Dementia](#)
- [Diabetes Complications](#)

- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Encephalitis](#)
- [Genetic Predisposition to Disease](#)
- [Hemorrhage](#)
- [Hypercholesterolemia](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Inflammation](#)
- [Intracranial Aneurysm](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Macular Degeneration](#)
- [Mental Status Schedule](#)
- [Metabolic Syndrome X](#)
- [Multiple System Atrophy](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Myositis](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Osteoarthritis](#)
- [Osteoporosis](#)
- [Pancreatitis](#)
- [Parkinson disease](#)

- [Prostate cancer](#)
- [Prostatic Hyperplasia](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Pulmonary Emphysema](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Vasculitis](#)
- [Wegener Granulomatosis](#)